



## **Career Field Information**

**Category:**

Mission Support

**Unit:**

102d Fighter Wing

**AFSC:**

3E0X2

**Job Title:**

Electronic Power Production Specialist

**Equivalent Civilian Career:**

Electrician

**Job Description / Background:**

Installs, removes, and operates electrical power generating and control systems, automatic transfer switches, aircraft arresting systems, and associated equipment. Checks equipment for serviceability. Positions equipment such as gasoline, and diesel engines; generators; switchgears; air compressors; and other power generating auxiliary equipment. Installs, positions, rewinds, and pretensions aircraft arresting systems. Certifies aircraft arresting systems as required. Checks installed equipment to ensure compliance with publications, policies, and directives. Inspects, tests, and services component systems such as safety, fuel, lubrication, cooling, air pressure, pumps, regulators, governors, and accessory equipment. Observes and interprets instruments such as ammeters, voltmeters, frequency meters, synchrosopes, automatic temperature and pressure recorders, and engine oil, fuel, and coolant gauges. Adjusts engine generator systems to maintain proper voltage, current frequency, and synchronization. Synchronizes multi-generators. Operates high and low voltage switches, circuit breakers, rheostats, and other controls on switchgear and distribution panels. Performs electrical power control and distribution functions.

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## **Technical Training and School Information**

**School Length:**

42 days

**School Location:**

Sheppard AFB TX

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## **Job Qualifications / Prerequisites**

For entry into this specialty, completion of high school with courses in algebra and physics is desirable.

*The Massachusetts Air National Guard provides all training*  
For more information call 1-800-292-3184 or visit <http://www.maotis.ang.af.mil/join>